

Release notes for ENDF/B Development dec-049_In_135
evaluation

ENDF
B-VII.dev

October 14, 2016

- fizcon Errors:

1. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 1.07116E+07 SUM= 6.85156E+06
```

2. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
GAMMA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.81292E+06 SUM= 1.82471E+06
```

3. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
BETA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.17856E+00 SUM= 1.00012E+00
```

4. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (4): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
BETA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 3.23729E+06 SUM= 3.24229E+06
```

5. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (5): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
NEUTRON MULTIPLICITY SUMUP FAILURE
WHOLE= 1.19108E+00 SUM= 1.09762E+00
```

6. Energies released in decay not adding up!
MAT=1518, MF= 8, MT=457 (6): Bad energy sum

```
ERROR(S) FOUND IN MAT=1518, MF= 8, MT=457
NEUTRON AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.76573E+06 SUM= 1.78455E+06
```